

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please amend claims 1, 6, 16, 17, 27-32, 41 and 42;

Please cancel claims 8-15, 25 and 33-40.

**Listing of Claims:**

1. (CURRENTLY AMENDED) An immunogenic composition comprising:  
a recombinant Bacille Calmette-Guerin (rBCG) having a first  
extrachromosomal nucleic acid sequence comprising a gene encoding for a first  
Mycobacteria major extracellular protein selected from the group consisting of 30 kDa  
protein, and 23.5 kDa protein, 32 kDa protein and combinations thereof, and a second  
extrachromosomal nucleic acid sequence comprising a gene encoding for a second  
Mycobacteria major extracellular protein ~~selected from the group consisting of 30 kDa,  
protein 23.5 kDa protein, 32 kDa protein and combinations thereof~~ wherein said second  
Mycobacteria major extracellular protein is a 32 kDa protein,  
wherein said Mycobacteria major extracellular proteins are over expressed  
and secreted.
2. (ORIGINAL) The immunogenic composition according to claim 1 wherein  
said first extrachromosomal nucleic acid sequence is under the control of a promoter  
that is not a heat shock promoter or a stress protein promoter.
3. (ORIGINAL) The immunogenic composition according to claim 1 wherein  
said second extrachromosomal nucleic acid sequence is under the control of a promoter  
that is not a heat shock promoter or a stress protein promoter.
4. (ORIGINAL) The immunogenic composition according to claim 1 wherein  
said first and said second extrachromosomal nucleic acid sequence are under the  
control of a promoter that is not a heat shock promoter or a stress protein promoter.
5. (ORIGINAL) The immunogenic composition according to claim 1 wherein at  
least one of said major extracellular proteins are non-fusion proteins.
6. (CURRENTLY AMENDED) The immunogenic compositions according to ~~any  
one of claims 1-5~~ claim 1 wherein said first or said second Mycobacteria major

extracellular protein is from a species of *Mycobacterium* selected from the group consisting of *Mycobacterium tuberculosis* (Mtb), *Mycobacterium bovis* (MB), and *Mycobacterium leprae* (ML).

7. (ORIGINAL) The immunogenic composition according to claim 6 wherein said first or said second Mycobacteria major extracellular protein is selected from the group consisting of Mtb 23.5 kDa protein, Mtb 30 kDa protein, Mtb 32A kDa protein, MB 30 kDa protein, MB 32A kDa protein, ML 23.5 kDa protein, ML 30 kDa protein and ML 32A kDa protein.

8.-15. (CANCELLED)

16. (CURRENTLY AMENDED) The immunogenic compositions according to ~~any one of claims 1-5~~claim 1 wherein said extracellular non-fusion proteins are over expressed and secreted such that a protective immune response is induced in a host after immunization with said immunogenic composition.

17. (CURRENTLY AMENDED) The immunogenic compositions according to ~~any one of claims 1-5~~claim 1 wherein said immunogenic composition is ~~recombinant Bacille Calmette-Guérin (rBCG)~~ and is growth regulatable.

18. (CURRENTLY AMENDED) The immunogenic composition according to claim 17 wherein said growth regulatable rBCG is selected from the group consisting of ~~prototrophs~~, auxotrophs and metabolically impaired mutants and combinations thereof.

19. (ORIGINAL) The immunogenic composition according to claim 18 wherein said metabolically impaired mutant is a siderophore mutant.

20. (ORIGINAL) The immunogenic composition according to claim 19 wherein said siderophore is a mycobactin or an exochelin.

21. (ORIGINAL) The immunogenic composition according to claim 18 wherein said growth regulatable rBCG is an auxotroph and wherein tryptophan, glutamine or pantothenic acid is used to regulate growth of said auxotroph.

22. (ORIGINAL) The immunogenic composition according to claim 21 wherein tryptophan is used to regulate growth of said auxotroph.

23. (ORIGINAL) The immunogenic composition according to claim 21 wherein glutamine is used to regulate growth of said auxotroph.

24. (ORIGINAL) The immunogenic composition according to claim 21 wherein pantothenic acid is used to regulate growth of said auxotroph.

25. (CANCELLED)

26. (ORIGINAL) An immunogenic composition comprising a rBCG having an extrachromosomal nucleic acid sequence comprising a gene encoding for a Mycobacteria major extracellular protein selected from the group consisting of 30 kDa, 23.5 kDa, 32 kDa and combinations thereof, wherein said Mycobacteria major extracellular proteins are over expressed and secreted;

wherein said rBCG is an auxotroph; and

wherein pantothenic acid is used to regulate growth of said auxotroph.

27. (CURRENTLY AMENDED) A prime-boost vaccine strategy comprising:  
administering a first priming immunogenic composition to a vaccinee wherein said first priming immunogenic composition is a BCG;  
administering a second boosting immunogenic composition, after the passage of a period of time, to said vaccinee optionally in the presence of an adjuvant, wherein said second boosting immunogenic composition is a purified Mycobacteria major extracellular protein; and

wherein a protective immune response results in said vaccinee.

28. (CURRENTLY AMENDED) The prime-boost vaccine strategy according to claim 27 wherein said BCG is a rBCG that over expresses a Mycobacteria major extracellular protein.

29. (CURRENTLY AMENDED) The prime-boost vaccine strategy according to ~~either of claims 27 or 28~~ claim 27 wherein said Mycobacteria major extracellular protein is derived from a *Mycobacterium* selected from the group consisting of *Mycobacterium tuberculosis* (Mtb), *Mycobacterium bovis* (MB), and *Mycobacterium leprae* (ML).

30. (CURRENTLY AMENDED) The prime-boost vaccine strategy according to claim 27 wherein said purified Mycobacteria major extracellular protein is a purified recombinant Mycobacteria major extracellular protein.

31. (CURRENTLY AMENDED) The prime-boost vaccine strategy according to claim 27 wherein said purified Mycobacteria major extracellular protein is selected from the group consisting of Mtb 23.5 kDa protein, Mtb 30 kDa protein, Mtb 32A kDa protein,

MB 30 kDa protein, MB 32A kDa protein, ML 23.5 kDa protein, ML 30 kDa protein and ML 32A kDa protein.

32. (CURRENTLY AMENDED) The prime-boost vaccine strategy according to claim 28 wherein said rBCG over expresses a Mycobacteria major extracellular protein selected from the group consisting of Mtb 23.5 kDa protein, Mtb 30 kDa protein, Mtb 32A kDa protein, MB 30 kDa protein, MB 32A kDa protein, ML 23.5 kDa protein, ML 30 kDa protein and ML 32A kDa protein.

33.-40. (CANCELLED)

41. (CURRENTLY AMENDED) The prime-boost vaccine strategy according to claim 28 wherein said Mycobacterial major extracellular protein and said purified Mycobacterial major extracellular protein are the same protein.

42. (CURRENTLY AMENDED) A prime-boost vaccine strategy comprising:  
administering a first priming immunogenic composition to a vaccinee  
wherein said first immunogenic priming composition is BCG;  
administering a second boosting immunogenic composition, after the passage of a period of time, to said vaccine wherein said second boosting immunogenic composition is purified Mycobacterium tuberculosis 30 kDa protein; and  
wherein a protective immune response results in said vaccinee.

43. (CURRENTLY AMENDED) The prime-boost vaccine strategy according to claim 42 further comprising an adjuvant.